

#9



PCT

RAW SEQUENCE LISTING

DATE: 02/27/2003

PATENT APPLICATION: US/10/070,340

TIME: 15:12:42

Input Set : A:\1803.txt

Output Set: N:\CRF4\02272003\J070340.raw

5 <110> APPLICANT: SEELA, FRANK
 7 ROSEMEYER, HELMUT
 9 SCHWEINBERGER, ENNO
 11 HEINDL, DIETER
 13 BERGMANN, FRANK
 17 <120> TITLE OF INVENTION: 2-AZAPURINE COMPOUNDS AND THEIR USE
 21 <130> FILE REFERENCE: 1803-336-999
 25 <140> CURRENT APPLICATION NUMBER: 10/070,340
 C--> 27 <141> CURRENT FILING DATE: 2002-10-09
 31 <150> PRIOR APPLICATION NUMBER: EP 99116767.7
 33 <151> PRIOR FILING DATE: 1999-08-30
 37 <150> PRIOR APPLICATION NUMBER: PCT/EP00/08371
 39 <151> PRIOR FILING DATE: 2000-08-28
 43 <160> NUMBER OF SEQ ID NOS: 10
 47 <170> SOFTWARE: PatentIn version 3.1
 51 <210> SEQ ID NO: 1
 53 <211> LENGTH: 12
 55 <212> TYPE: DNA
 57 <213> ORGANISM: Artificial Sequence
 59 <220> FEATURE:
 61 <223> OTHER INFORMATION: Description of artificial sequence: Synthetic oligonucleotide
 used
 62 in establishing thermodynamic properties of duplexes.
 66 <400> SEQUENCE: 1
 67 taggtcaata ct 12
 70 <210> SEQ ID NO: 2
 72 <211> LENGTH: 12
 74 <212> TYPE: DNA
 76 <213> ORGANISM: Artificial Sequence
 78 <220> FEATURE:
 80 <223> OTHER INFORMATION: Description of artificial sequence: Synthetic oligonucleotide
 used
 81 in establishing thermodynamic properties of duplexes.
 85 <400> SEQUENCE: 2
 86 atccagttat ga 12
 89 <210> SEQ ID NO: 3
 91 <211> LENGTH: 12
 93 <212> TYPE: DNA
 95 <213> ORGANISM: Artificial Sequence
 97 <220> FEATURE:
 99 <223> OTHER INFORMATION: Description of artificial sequence: Synthetic oligonucleotide
 used
 100 in establishing thermodynamic properties of duplexes.
 104 <220> FEATURE:

ENTERED

106 <221> NAME/KEY: modified_base
108 <222> LOCATION: (7)..(7)

RAW SEQUENCE LISTING

DATE: 02/27/2003

PATENT APPLICATION: US/10/070,340

TIME: 15:12:42

Input Set : A:\1803.txt

Output Set: N:\CRF4\02272003\J070340.raw

110 <223> OTHER INFORMATION: n = 2-Aza 2'-deoxyadenosine
 114 <400> SEQUENCE: 3
 115 taggtcnata ct 12
 118 <210> SEQ ID NO: 4
 120 <211> LENGTH: 12
 122 <212> TYPE: DNA
 124 <213> ORGANISM: Artificial Sequence
 127 <220> FEATURE:
 129 <223> OTHER INFORMATION: Description of artificial sequence: Synthetic
 oligonucleotide used
 130 in establishing thermodynamic properties of duplexes.
 133 <400> SEQUENCE: 4
 134 atccaggtat ga 12
 137 <210> SEQ ID NO: 5
 139 <211> LENGTH: 12
 141 <212> TYPE: DNA
 143 <213> ORGANISM: Artificial Sequence
 145 <220> FEATURE:
 147 <223> OTHER INFORMATION: Description of artificial sequence: Synthetic
 oligonucleotide used
 148 in establishing thermodynamic properties of duplexes.
 150 <220> FEATURE:
 152 <221> NAME/KEY: modified_base
 154 <222> LOCATION: (7)..(8)
 156 <223> OTHER INFORMATION: n = 2-Aza 2'-deoxyadenosine
 160 <400> SEQUENCE: 5
 161 taggtcnnta ct 12
 164 <210> SEQ ID NO: 6
 166 <211> LENGTH: 12
 168 <212> TYPE: DNA
 170 <213> ORGANISM: Artificial Sequence
 172 <220> FEATURE:
 174 <223> OTHER INFORMATION: Description of artificial sequence: Synthetic
 oligonucleotide used
 175 in establishing thermodynamic properties of duplexes.
 178 <400> SEQUENCE: 6
 179 atccagaaat ga 12
 182 <210> SEQ ID NO: 7
 184 <211> LENGTH: 12
 186 <212> TYPE: DNA
 188 <213> ORGANISM: Artificial Sequence
 190 <220> FEATURE:
 192 <223> OTHER INFORMATION: Description of artificial sequence: Synthetic
 oligonucleotide used
 193 in establishing thermodynamic properties of duplexes.
 196 <400> SEQUENCE: 7
 197 atccagccat ga 12
 200 <210> SEQ ID NO: 8
 202 <211> LENGTH: 12
 204 <212> TYPE: DNA
 206 <213> ORGANISM: Artificial Sequence
 208 <220> FEATURE:
 210 <223> OTHER INFORMATION: Description of artificial sequence: Synthetic

oligonucleotide used

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/070,340

DATE: 02/27/2003

TIME: 15:12:42

Input Set : A:\1803.txt

Output Set: N:\CRF4\02272003\J070340.raw

```

211      in establishing thermodynamic properties of duplexes.
214 <400> SEQUENCE: 8
215 atccagggat ga                                     12
218 <210> SEQ ID NO: 9
220 <211> LENGTH: 12
222 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
228 <223> OTHER INFORMATION: Description of artificial sequence: Synthetic
oligonucleotide used
229      in establishing thermodynamic properties of duplexes.
232 <400> SEQUENCE: 9
233 taggtcggta ct                                     12
236 <210> SEQ ID NO: 10
238 <211> LENGTH: 12
240 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
246 <223> OTHER INFORMATION: Description of artificial sequence: Synthetic
oligonucleotide used
247      to construct a hybrid with SEQ ID NO: 1
250 <400> SEQUENCE: 10
251 agtattgacc ta                                     12

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/070,340

DATE: 02/27/2003
TIME: 15:12:43

Input Set : A:\1803.txt
Output Set: N:\CRF4\02272003\J070340.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 17

Seq#:5; N Pos. 7,8

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/070,340

DATE: 02/27/2003

TIME: 15:12:43

Input Set : A:\1803.txt

Output Set: N:\CRF4\02272003\J070340.raw

L:27 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0

L:161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0